

**DISTRIBUTION**  
**PROJECT MANAGERS MEETING MINUTES**  
**December 9, 2010**

DOE-RL

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EPA

Rod Lobos

B1-46

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T1-41

Administrative Record (2)

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Meeting Minutes Transmittal/Approval  
100K Project Managers Meeting  
December 9, 2010

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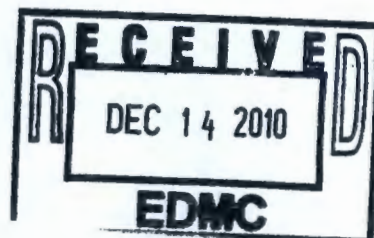
APPROVAL:   
Tom Teynor, 100K Project Manager, DOE RL

Date: 12-09-2010

APPROVAL:   
Rod Lobos, 100K Project Manager, EPA

Date: 12-9-2010

HFFACO Action Plan Section 4.1 states that agreements and commitments resulting from the Project Managers meetings will be prepared and signed by all parties. Approval of these minutes documents approval of agreements and commitments documented in Attachments 2 and 3 to these minutes. Approvals do not apply to any other attachments. Any other attachments are provided for information purposes.



Minutes of the 100K Project Managers meeting of December 9, 2010 are attached. Minutes are comprised of the following.

Attachment 1

Attendance Record

Attachment 2

Milestone Status Report with Agreements,  
Commitments and Actions Identified

Attachment 3

Change Request Status with approved changes  
signed off at meeting

# 100K Project Managers Meeting December 9, 2010

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## ATTACHMENT 2

# 100K AREA PROJECT MANAGERS MEETING

## MILESTONE STATUS

December 9, 2010

**M-016-140** Submit revised RD/RA Work Plans for 100 K Area RODs as primary document(s) per HFFACO11.6 with new proposed milestones including for the following:

- Complete removal of the K West Basin
- Complete removal of all sludge (includes container, settler tank sludge) from K West Basin except knock out pot contents
- Complete removal of knock out pot contents
- Complete treatment and packaging of first container of TRU sludge waste certifiable for disposal at WIPP
- Complete treatment and packaging of sludge for disposal at WIPP
- Begin 105-KW reactor interim safe storage
- Complete 105-KW reactor interim safe storage
- Initiate soil remediation under KW Basin
- Complete all interim response actions at the 100K Area.

**Due 3/31/11, DOE Lead Roger Quintero**

- Status of RD/RA Work Plans (schedule attached)
    - Removal of all Sludge and KOP contents from the K West Basin - Submittal of draft A to EPA is expected by January 2011.
    - Deactivation of the K West Basin - Submittal of draft A to EPA is expected by January 2011.
    - Demolition/Removal of the K West Basin - Submittal of draft A to EPA is expected by March 2011.
    - The 105KW ISS - Activities will continue under the current RD/RAWP (DOE/RL-2005-26, Rev. 1). A new document is not required for this work until a decision is made regarding core removal at 105KW.
    - Treatment and Packaging of Sludge for Disposal at WIPP – Design will not be sufficiently mature by 2011 to support a useful work plan. RL is working with EPA regarding options to complete this work. A high-level pre-conceptual design summary of the path forward for sludge treatment and packaging will be incorporated into the RD/RAWP for Removal of all Sludge and KOP contents from the K West Basin.
- All elements of the milestone are on track for completion by March 31, 2011, except for sludge treatment and packaging. A TPA change request is being prepared for this milestone.
- Removal of Engineered Container (EC) sludge (STP Phase 1)
    - EC 230 sampling complete, sampling of EC 210 in progress.
    - Engineering, technology readiness, and related testing are in progress to support completion of Phase 1 preliminary design

- Treatment and Packaging of EC sludge (STP Phase 2 Technology Evaluation and Alternatives Analysis)
  - Technology Evaluation test plans are in place with 5 commercial vendors and PNNL evaluating 8 different technical approaches. Current schedule for completion of bench scale proof-of-concept testing should be completed by December 2010, with the contractor's Technology Evaluation and Alternatives Analysis completed in June 2011.
- Removal of Knockout Pot (KOP) material
  - Continued design and testing for KOP material disposition systems (pretreatment and final processing).
  - KOP pretreatment (size reduction, density and wire separation) is currently planned to start in CY2011, the RD aspects of pretreatment in the RD/RAWP submittal for sludge removal will be at a 90% level to satisfy the informational requirements for a RDR.
- K West Basin response action activities
  - Sludge vacuuming of the floor and pits was completed consistent with the June 2010 sludge vacuuming strategy. Vacuuming in the three basin bays has been completed except for the North Load Out Pit.
  - Debris removal is holding at 649 debris units removed to date of a 1025 debris units goal.
  - Dose rate measurements on underwater debris are being taken for disposition planning in addition to removing debris.
  - A draft of the *Work Plan for Satisfying the K Basin Interim Remedial Action End Point Criteria*, i.e. the qualified process, is being prepared and will be provided to EPA for review in December 2010.
  - Planning continued for receipt of SNF fragments at KW Basin from remediation activities at 100-D and 100-H Areas.

**Schedule Status:** Milestone in jeopardy due to sludge treatment and packaging design not available.

**Agreements, Commitments and Actions:**

EPA expressed their position that there will be no relief for the schedule of the M-016-140 Milestone. RL will provide EPA a 107-day notification letter indicating that the milestone is in jeopardy by December 14, 2010.



**M-016-53** Complete the interim response actions for the 100 K Area within the perimeter boundary and to the river for Phase 1 actions. **Due 12/31/2012, DOE Lead Ellen Dagan**

- Completed demolition of the 183.2KW Sedimentation Basin.
- Planning continued for remediation work on 1706-KE and 1706-KER.
- Excavation and loadout was performed for wastes sites 120-KW-1 and 100-K-63. A total of 1077 containers for 24263 tons of waste were shipped to ERDF during October 2010 and a total of 504 containers for 10343 tons of waste were shipped to ERDF during November 2010.
- Excavation and load out was performed for remediation work on 115-KE and 117-KE. A total of 75 containers for 1650 tons of waste were shipped to ERDF during October 2010.
- Excavation and load out was performed for remediation work on 115-KE, 117-KE and 116-KE-1. A total of 54 containers for 1168 tons of waste were shipped to ERDF during November 2010.

**Schedule Status:** On schedule to meet milestone.

**Agreements, Commitments and Actions:**

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**M-016-143** Complete the interim response actions for the 100 K Area within the perimeter boundary and to the river for Phase 2 actions. **Due 12/31/2015, DOE Lead Ellen Dagan**

- Continued cold and dark preparations for 115 KW Gas Recirculation Building.
- Continued characterization of 117 KW Exhaust Air Filter Building.
- Completed demolition of the 118KW Horizontal Control Rod Storage Cave.
- Excavation and loadout was performed for wastes sites 100-K-102 and 1607-K3. A total of 133 containers for 2644 tons of waste were shipped to ERDF during October 2010. A total of 422 containers for 8062 tons of waste were shipped to ERDF during November 2010.
- Waste site remediation continues to be tracked to monitor progress on the schedule for the 100-K West Vadose Zone In Situ Bio-Infiltration Treatability Test. Coordination with required utilities (water, electricity, access) is ongoing.

**Schedule Status:** On schedule to meet milestone.

**Agreements, Commitments and Actions:**

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**M-093-22** Complete 105KE Reactor interim safe storage in accordance with remedial design/remedial action work plan. **Due 07/31/2014, DOE Lead Ellen Dagan**

- Obtained all laboratory data on samples from the core borings.
- Conducted preliminary design review meeting.
- Began removal of the 105KE Fuel Storage Basin wall and remaining floor.
- Continued demolition on west side of building.
- Began demolition on east side office area.

**Schedule Status:** On Schedule.

**Agreements, Commitments and Actions:**

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## **ATTACHMENT 3**

# **100K AREA PROJECT MANAGERS' MEETING CHANGE NOTICE STATUS**

**December 9, 2010**

**TPA Change Number M-16-10-06** – Modifies *Hanford Federal Facility Agreement and Consent Order* (HFFACO), Interim Milestone M-016-140 to provide for additional time to adequately prepare a RD/RAWP for K Basin Sludge Treatment and Packaging.

**Status:** Change control form being drafted by RL.

**Discussion Points and Agreements:**

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**TPA-CN-411** - Modifies DOE/RL-2005-26, *Removal Action Work Plan for 105-KE/105-KW Reactor Facilities and Ancillary Facilities, Rev. 1*, to move the 118-KW Horizontal Control Rod Storage Cave from Phase 2 to Phase 1 and the 116-KW Reactor Exhaust Stack from Phase 1 to Phase 3. Access to the 118-KW Horizontal Control Rod Storage Cave was available ahead of schedule, and the facility demolition can be moved from Phase 2 to Phase 1 for completion. Removal of the 116-KW stack base is being delayed to Phase 3 due to the proximity to the fuel storage basin and the 105-KW reactor building. This move will facilitate the appropriate sequencing of D&D and remediation activities at 100-K to allow work to be completed in a safe and efficient manner.

**Status:** Change notice has been prepared and is ready for approval.

**Discussion Points and Agreements:**

TPA-CN-411 signed by RL and EPA December 9, 2010.
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## TRI-PARTY AGREEMENT

Change Notice Number <b>TPA-CN- 411</b>	TPA CHANGE NOTICE FORM	Date: <b>December 9, 2010</b>
Document Number, Title, and Revision: <b>DOE/RL-2005-26, Removal Action Work Plan for 105-KE/105-KW Reactor Facilities and Ancillary Facilities, Rev. 1</b>		Date Document Last Issued: <b>February 2007</b>
Originator: <b>D. L. Norman</b>		Phone: <b>373-2027</b>

**Description of Change:**

Revises text added by TPA-CN-245, March 27, 2009 to the Removal Action Work Plan regarding work for facilities/structures removal in the 100-K Area

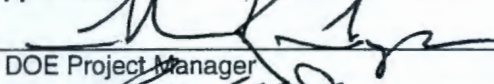

T. K. Teynor and R. A. Lobos (EPA) agree that the proposed change  
**DOE** **Lead Regulatory Agency**  
 modifies an approved workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, *Documentation and Records*, and not Chapter 12.0, *Changes to the Agreement*.  
 Text was added to the Removal Action Work Plan to phase work in the 100-K Area in 2009. Specifically, TPA-CN-245 added a three phase approach and schedule to the removal of 100-K Area facilities and structures. In order to support the current schedule of work in 100-K Area, 118-KW Horizontal Control Rod Storage Cave will be moved from Phase 2 to Phase 1, and 116-KW Reactor Exhaust Stack will be moved from Phase 1 to Phase 3. Access to the 118-KW Horizontal Control Rod Storage Cave was available ahead of schedule, and the facility demolition can be moved from Phase 2 to Phase 1 for completion. Removal of the 116-KW stack base is being delayed to Phase 3 due to the proximity to the fuel storage basin and the 105-KW reactor building. This move will facilitate the appropriate sequencing of D&D and remediation activities at 100-K to allow work to be completed in a safe and efficient manner. The dates for completion of the three phases of work will remain the same.

Note: Include affected page number(s)

**Justification and Impacts of Change:**

This change notice supports the 100-K Area current work schedule and implementation of the scope established in change package M-16-08-09.

**Approvals:**

 DOE Project Manager	<u>12-09-2010</u> Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
 EPA Project Manager	<u>12-9-2010</u> Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
N/A Ecology Project Manager	 Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved